

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/GB 97/03351

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 6 F16K15/14 E03C1/288 E03C1/122

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 F16K E03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2 296 309 A (HEPWORTH BUILDING PRODUCTS LTD) 26 June 1996 cited in the application see the whole document	1-4
A	BE 669 967 A (DE BRUYNE) 17 January 1966 see the whole document	5-13
Y	FR 1 109 095 A (AB LINDEROTHS PATENTER) 20 January 1956 see figures	1-4
A	US 3 556 138 A (D'URSO) 19 January 1971 see figure 1	5
A	FR 1 027 609 A (MARTIN) 13 May 1953 see figure	5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

8 April 1998

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17/04/1998

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Information on patent family members

National Application No  
PCT/GB 97/03351

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
GB 2296309 A	26-06-1996	AU WO	4271096 A 9619620 A	10-07-1996 27-06-1996
BE 669967 A	03-11-1965	BE DE FR GB US	666967 A 1472833 A 1439719 A 1114404 A 3364029 A	03-11-1965 06-02-1969 05-08-1966  16-01-1968
FR 1109095 A	20-01-1956	NONE		
US 3556138 A	19-01-1971	NONE		
FR 1027609 A	20-05-1953	NONE		

Form PCT/ISA/210 (patent family annex) (July 1992)